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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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09/458,410

12/10/1999

Mohammad Peyravian

P-4541.004

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11/10/2005

COATS & BENNETT, PLLC

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RALEIGH, NC 27602

EXAMINER

MOORTHY, ARAVIND K

ART UNIT

PAPER NUMBER

2131

DATE MAILED: 11/10/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	09/458,410	PEYRAVIAN ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Aravind K. Moorthy	2131	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 03 October 2005.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-19 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-19 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 10 December 1999 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)             | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)    | Paper No(s)/Mail Date. _____  |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____   | 6) <input type="checkbox"/> Other: _____                                    |

### **DETAILED ACTION**

1. This is in response to the amendment filed on 3 October 2005.
2. Claims 1-19 are pending in the application.
3. Claims 1-19 have been rejected.

#### ***Response to Arguments***

4. Applicant's request for reconsideration of the finality of the rejection of the last Office action is persuasive and, therefore, the finality of that action is withdrawn.

#### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

5. **Claims 1-19 are rejected under 35 U.S.C. 102(e) as being anticipated by Danieli U.S. Patent No. 6,510,513 B1.**

As to claim 1, Danieli discloses a method for time-stamping a digital document comprising:

receiving identifying data associated with a document at an outside agency [column 7 line 46 to column 8 line 62];

creating at the outside agency a first receipt based on the identifying data [column 7 line 46 to column 8 line 62];

creating at the outside agency a second receipt based on a time indication that indicates when the document was received at the outside agency [column 7 line 46 to column 8 line 62];

inserting a linking value into the first and second receipts that links the identifying data in the first receipt with the time indication in the second receipt [column 7 line 46 to column 8 line 62];

certifying the first and second receipts at the outside agency using a cryptographic signature scheme [column 7 line 46 to column 8 line 62].

As to claims 2 and 10, Danieli discloses that the identifying data comprises a digital representation of at least a portion of the document [column 7 line 46 to column 8 line 62].

As to claims 3 and 11, Danieli discloses that the identifying data comprises a digital sequence derived by application of a deterministic function to at least a portion of the document [column 7 line 46 to column 8 line 62].

As to claims 4 and 12, Danieli discloses that the digital sequence is a hash value derived by application of a one-way hashing function to at least a portion of the document [column 7 line 46 to column 8 line 62].

As to claims 5 and 13, Danieli discloses that the first receipt comprises at least a portion of the identifying data and a nonce [column 7 line 46 to column 8 line 62].

As to claims 6 and 14, Danieli discloses that the first receipt comprises a digital sequence generated by applying a pre-determined function to the identifying data [column 7 line 46 to column 8 line 62].

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As to claims 7 and 15, Danieli discloses that one of the first and second receipts comprises a user identification number associated with a user [column 7 line 46 to column 8 line 62].

As to claims 8 and 16, Danieli discloses that one of the first and second receipts comprises a sequential record number [column 13, lines 1-8].

As to claim 9, Danieli discloses a method for time-stamping a digital document comprising:

transmitting identifying data associated with the document to an outside agency [column 7 line 46 to column 8 line 62];

receiving from the outside agency a first receipt signed by the outside agency using a cryptographic signature scheme, the first receipt including a first digital sequence generated based on the identifying data [column 7 line 46 to column 8 line 62];

receiving from the outside agency a second receipt signed by the outside agency using a cryptographic signature scheme, the second receipt containing a second digital sequence based on a time indication that indicates when the document was received at the outside agency [column 7 line 46 to column 8 line 62]; and

wherein the first and second receipts include a linking value that links the identifying data in the first receipt with the time indication in the second receipt [column 7 line 46 to column 8 line 62].

As to claim 17, Danieli discloses that a common cryptographic signature scheme is used to sign both the first and second receipts [column 7 line 46 to column 8 line 62].

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As to claim 18, Danieli discloses that different cryptographic signature schemes are used to sign the first and second receipts [column 7 line 46 to column 8 line 62].

As to claim 19, Danieli discloses that the linking value is a nonce value [column 7 line 46 to column 8 line 62].

### *Conclusion*


6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Aravind K. Moorthy whose telephone number is 571-272-3793. The examiner can normally be reached on Monday-Friday, 8:00-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz R. Sheikh can be reached on 571-272-3795. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Aravind K Moorthy  
November 2, 2005



  
AYAZ SHEIKH  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100